



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D412-702-343
Job Sheet 178831



Part No: D412-702-343

Job Qty: 1 ea

Part Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 5 Man Fwd



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/8/18

Job Tracking No:

Due Date: 6/28/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG DSI9511 REV.A D412-702-2 Rev.B IPP Rev:A new issue DD 10.04.30 verified:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup	Run	Workcenter / Supplier	Lead Time	
					hrs	Hrs			
90	Start up Operation	1 Ea		6/28/18	0.00	0.00	Start Up Stores/Pkg-2		JUN 22 2018
105	Packaging	1 pcs		6/28/18	0.00	0.00	Packaging1-4		JUN 28 2018
110	QC	1 pcs		6/28/18	0.00	0.00	QC4		JAB DAS
120	Packaging	1 pcs		6/28/18	0.00	0.00	Packaging3-2		JAB DAS 28
125	DC	1 pcs		6/28/18	0.00	0.00	DC		DAS 9-89
130	QC21-FG	1 Ea		6/28/18	0.00	0.00	QC21		21 JUN 28 2018

Part Op 120 - Identify and pack for shipping as per PPP D412-702-343 Location: _____ PPP Rev: 9-89 JUN 28 2018
Descriptions: 125 - Photocopy bluefile & type labels per PPP D412-702-343 CHG001

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-10A	Bolt	4 Ea (4 ea)	90-Start up Operation	
AN4-44A	Bolt	2 Ea (2 ea)	90-Start up Operation	
CR3212-4-4	Cherry Rivet	12 Ea (12 ea)	90-Start up Operation	
D3542-1	Bracket	2 Ea (2 ea)	90-Start up Operation	
D3571-1	Guide	3 Ea (3 ea)	90-Start up Operation	
D3571-3	Guide	2 Ea (2 ea)	90-Start up Operation	
D3578-041	Doubler	6 Ea (6 ea)	90-Start up Operation	
D3610-041	Bracket	2 Ea (2 ea)	90-Start up Operation	
D3618-1	Cap	2 Ea (2 ea)	90-Start up Operation	
D3761-1-041	Hook & Loop Strip	5 Ea (5 ea)	90-Start up Operation	
D412-702-059	Grommets	1 Ea (1 ea)	90-Start up Operation	
D412-702-301	Harness Assembly	1 Ea (1 ea)	90-Start up Operation	
D412-702-303	Harness Assembly	1 Ea (1 ea)	90-Start up Operation	
D412-702-305	Harness Assembly	1 Ea (1 ea)	90-Start up Operation	
D412-702-307	Harness Assembly	1 Ea (1 ea)	90-Start up Operation	
D412-702-309	Harness Assembly	1 Ea (1 ea)	90-Start up Operation	
MS21042L4	Nut	6 Ea (6 ea)	90-Start up Operation	
MS24693-S274	Screw	2 Ea (2 ea)	90-Start up Operation	
MS24694-S56	Screw	3 Ea (3 ea)	90-Start up Operation	
MS24694-S58	Screw	2 Ea (2 ea)	90-Start up Operation	
MS24694-S60	Screw	1 Ea (1 ea)	90-Start up Operation	
NAS1149D0416J	Washer	4 Ea (4 ea)	90-Start up Operation	
NAS1149D0463J	Washer	6 Ea (6 ea)	90-Start up Operation	

DQA:

Date:

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only



DISPOSITION		AGAINST DEPARTMENT/PROCESS				MRB (QS042) Approval	
Work Order: _____	Rework ☐	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
Part No. _____	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
NCR No. _____	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
Date: _____	Suspected Unapproved ☐	Large Fab ☐	Composite ☐	Supplier ☐			
Step #: _____		QTY Effective: _____					
Description Work Order Deviation		Disposition					
Completed By							
ad hand / Supervisor approval Verification							
IA Coordinator approval							
Container No: S085220 Part: D412-702-343 Job No: 178831 Serial No/Batch: S085220 Revision: A / B Inspector: Exp Date: Instructions:		Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com					
Root Cause		FAULT CATEGORY					
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Pov ☐			
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folic ☐			
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐			
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐			
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong ☐			
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of ☐			
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐			
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐			
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐			
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐			
Past Expiry Date ☐	Manufacturing Process ☐			Turning Sequence ☐			
Misidentified ☐	Past Due ☐						
OTHER: _____							

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN4-10A	4	44	0
	AN4-44A	2	31	0
	CR3212-4-4	12	290	0
	D3542-1	2	3	0
	D3571-1	3	16	0
	D3571-3	2	12	0
	D3578-041	6	70	0
	D3610-041	2	3	0
	D3618-1	2	101	0
	D3761-1-041	5	8	0
	D412-702-059	1	1	0
	D412-702-301	1	1	0
	D412-702-303	1	1	0
	D412-702-305	1	1	0
	D412-702-307	1	0	0
	D412-702-309	1	1	0
	MS21042L4	6	2,965	0
	MS24693-S274	2	26	0
	MS24694-S56	3	45	0
	MS24694-S58	2	86	0
	MS24694-S60	1	92	0
	NAS1149D0416J	4	3,004	0
	NAS1149D0463J	6	5,122	0

Part Specifications

Specifications could not be found.



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
004016	S083424	AN4-10A	Bolt	FM137412-0	ST345	4
004016	S083425	AN4-44A	Bolt	S006293	ST341	2
004016	S083427	CR3212-4-04	Cherry Rivet	FM138170	ST320	12
004016	S067927	D3542-1	Bracket	S067926	ST038	1
004016	S085219	D3542-1	Bracket	S083575	ST038	1
004016	S083422	D3571-1	Guide	S076661	ST040	3
004016	S083421	D3571-3	Guide	S076963	ST040	2
004016	S083420	D3578-041	Doubler	S060799	ST040	6
004016	S066627	D3610-041	Bracket	S067693	ST042 <i>S079439X</i>	1
004016	S085218	D3618-1	Cap	S019119	ST042	2
004016	S018101	D3761-1-041	Hook & Loop Strip	S017758	ST051	3
004016	S083243	D3761-1-041	Hook & Loop Strip	S081446	ST051	2
004016	S083419	D412-702-059	Grommets	S081432	ST370A	1
004016	S081586	D412-702-301	Harness Assembly	S081580	ST468	1
004016	S081527	D412-702-303	Harness Assembly	S081468	ST468	1
004016	S081573	D412-702-305	Harness Assembly	S081571	ST468	1
004016	S084773	D412-702-307	Harness Assembly	S081548	ST123	1
004016	S084768	D412-702-309	Harness Assembly	S081478	ST468	1
004016	S083242	MS21042L4	Nut	S067898	ST303	6
004016	S083237	MS24693-S274	Screw	f124670	ST286	2
004016	S083235	MS24694-S56	Screw	fm137951-50	ST283	3
004016	S083234	MS24694-S58	Screw	s044220	ST283	2
004016	S083233	MS24694-S60	Screw	fm135046	ST283	1
004016	S083241	NAS1149D0416J	Washer	FM131511	ST264	4
004016	S083240	NAS1149D0463J	Washer	S067900	ST263	6

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 6/28/18 11:33 AM dart.quirion.sonia

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IIN-D412-702-2

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QTY -337	QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
X							D214-702-337	Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft
	X						D412-702-341	Dart 13-Man 3-Point Shoulder Harness Kit
		X					D412-702-343	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
			X				D412-702-345	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
				X			D412-702-347	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
					X		D412-702-349	Dart 1-Man 3-Point Forward Facing Shoulder Harness Kit
						X	D412-702-351	Dart 1-Man 3-Point Shoulder Harness Kit
	1	1		1	1		D412-702-059	GROMMET KIT
	2	1		1			D412-702-301	HARNESS ASSEMBLY
	2	1		1			D412-702-303	HARNESS ASSEMBLY
	1	1			1		D412-702-305	HARNESS ASSEMBLY
	1	1				1	D412-702-307	HARNESS ASSEMBLY
	1	1					D412-702-309	HARNESS ASSEMBLY
1	1		1				D412-702-311	HARNESS ASSEMBLY
1	1		1				D412-702-313	HARNESS ASSEMBLY
	1			1			D412-702-315	HARNESS ASSEMBLY
	1			1			D412-702-317	HARNESS ASSEMBLY
1							D412-702-319	HARNESS ASSEMBLY
1	1		1				D412-702-321	HARNESS ASSEMBLY
1	1		1				D412-702-323	HARNESS ASSEMBLY
	2	2				1	D3542-1	BRACKET
	7	3		4	1		D3571-1	GUIDE
	2	2				1	D3571-3	GUIDE
	2		2				D3572-041	GUIDE ASSEMBLY
	12	6		6	2		D3578-041	DOUBLER
	2	2				1	D3610-041	BRACKET
	2	2				1	D3618-1	CAP
				2			D3677-1	SPACER
	9	5		4	1	1	D3761-1-041	HOOK AND LOOP STRIP
1							D3920-041	SEATBELT GUIDE ASSEMBLY
2							D3920-5	SEATBELT GUIDE
	4	4				2	AN4-10A	BOLT
1	2		2				AN4-16A	BOLT
1							AN4-21A	BOLT
7	4		4				AN4-25A	BOLT
	4		4				AN4-27A	BOLT
	2	2				1	AN4-44A	BOLT
18	26	6	20			3	AN960JD416	WASHER (OR NAS1149D0463J)
	4	4				2	AN960JD416L	WASHER (OR NAS1149D0416J)
	24	12		12	4		CR3212-4-4	RIVET
9	12	6	6			3	MS21042L4	NUT (OR MS21042-4)
				6			MS21069L3	ANCHOR NUT
	2	2				1	MS24693S274	SCREW
				2			MS24694S282	SCREW
	3	3			1		MS24694S56	SCREW
	10	2		8			MS24694S58	SCREW
	1	1			1		MS24694S60	SCREW

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Revision: B

Date: 17.06.22

Change Record

Part Number D412-702-343

Description 5 MAN SHOULDER HARNESS, 3 POINT, FWD FACING

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